



**GOVERNMENT OF ODISHA
ENERGY DEPARTMENT**

NOTIFICATION

No. ENG-HYD-HYDRO-0019-2023/ 12256 / HYDRO., dated 17/9/2025

The Government of Odisha has promulgated the Odisha Pumped Storage Project (PSP) Policy through Resolution No. ENG-HYD-HYDRO-0019-2023-9825/En. Dated. 28.07.2025 to promote development of Pumped Storage Hydro Projects within the State and to facilitate smooth integration of renewable energy in the grid.

Now, in accordance with the Odisha PSP Policy provisions, Government has been pleased to issue the Operational Guidelines for Odisha Pumped Storage Project (PSP) Policy for development of PSPs in the State.

By order of the Governor

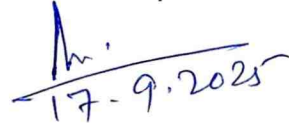

(Nibedita Mishra)

Additional Secretary to Government

Memo No. 12257 /HYDRO, dated. 17/9/2025

Copy along with soft copy forwarded to the Director, Printing Stationery and Publication, Odisha, Madhupatna, Cuttack / Deputy Secretary to Govt., Commerce & Transport (Commerce) Department for information and necessary action.

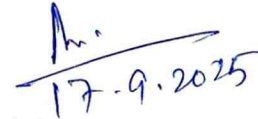
He is requested to publish the Notification in the next extraordinary issue of Odisha Gazette and supply 20 (twenty) copies to this Department.


17-9-2025

Additional Secretary to Government

Memo No. 12258 /HYDRO, dated. 17/9/2025

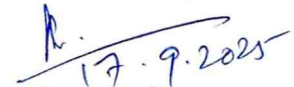
Copy along with copy of the enclosure forwarded to the Additional Secretary, Ministry of New & Renewable Energy / Additional Secretary, Ministry of Power, Government of India for kind information.


17-9-2025

Additional Secretary to Government

Memo No. 12259 /HYDRO, dated. 17/9/2025

Copy forwarded to the PS to the Hon'ble Chief Minister, Odisha / PS to the Hon'ble Deputy Chief Minister, Energy / OSD to the Chief Secretary, Odisha / PS to the DC-cum-ACS, Odisha / PS to the Principal Secretary, Energy Department / Finance Department for kind information.


17-9-2025

Additional Secretary to Government

Memo No. 12260 /HYDRO, dated. 17/9/2025

Copy along with copy of enclosures forwarded to Special Secretary / all Additional Secretaries of Energy Department for kind information.

M.
17.9.2025

Additional Secretary to Government

Memo No. 12261 /HYDRO, dated. 17/9/2025

Copy along with copy of the enclosure forwarded to the Board of Revenue / All Revenue Divisional Commissioners / All Heads of the Departments /All Collectors / Accountant General (A&E), Odisha, Bhubaneswar for information and necessary action.

M.
17.9.2025

Additional Secretary to Government

Memo No. 12262 /HYDRO, dated. 17/9/2025

Copy forwarded to the CMD, OPTCL / Chairman & MD, OHPC / Secretary, OERC / EIC(EI.)-cum-PCEI(O), Bhubaneswar / EIC (P&D), DoWR / MD, GRIDCO / MD, OPGC / MD, IPICOL/ MD, IDCO / CEO, OCPL / CEO, GEDCOL / CEOs of all DISCOMs / CE, OREDA/ All Departments of Govt. / Officers Concerned for information and necessary action.

M.
17.9.2025

Additional Secretary to Government

Memo No. 12263 /HYDRO, dated. 17/9/2025

Copy forwarded to Social Media Consultant, Energy for information with a direction to host the notification in the Energy Department Website.

M.
17.9.2025

Additional Secretary to Government



Energy Department

Operational Guidelines to Odisha PSP Policy

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1. Purpose

To provide a structured framework for the implementation, monitoring, and evaluation of Pumped Storage Projects (PSPs) in Odisha and to attract investments from both Government & private sectors and ensuring alignment with the PSP Policy 2025 and Odisha Renewable Energy Policy 2022.

2. Scope

These guidelines apply to:

- All State-identified and Self-identified PSPs.
- Developers including CPSUs, SPSUs, Private Developers, and Joint Ventures of CPSU/SPSU.
- Relevant Government Departments and Nodal Agency involved in PSPs development.

3. Roles and responsibilities

The table below outlines the designated roles and responsibilities:

Entity	Responsibility
Energy Department	Policy Oversight, Issuance of clarifications, and final approvals.
Nodal Agency	Site Identification, application processing, registration, monitoring & coordination
Developers	Site Identification (for self-identified), Project development, compliance with milestones, clearances & reporting.
SWC/SLSWCA/HLCA	Approval of applications and permissions to proceed.
Project Approval committee/Odisha Industries Facilitation committee	Recommendation for Final project site allocation

Note: Detailed Responsibility Matrix will be elaborated in Clause 16 in this OG

4. Identification of Project Sites & Mode of Allocation

Under the Odisha PSP Policy 2025, project sites for Pumped Storage Project (PSP) development are currently categorized into two modes.

- State Identified Pumped Storage Project sites.
- Self-identified off-stream Pumped Storage Project Sites.

4.1 State Identified PSP sites

The Nodal Agency, in collaboration with State PSUs (SPSUs), has identified 45 potential sites for Pumped Storage Projects (PSPs). In addition, the Nodal Agency, SPSUs, CPSUs, and

other State Government entities will continue to identify further feasible locations, undertaking pre-feasibility assessments for notification as State-identified projects by Energy Department, Govt. of Odisha.

4.1.1 Criteria for allocation

All such projects shall be allocated through one of the following mechanisms.

- Nomination by State Government / Memorandum of Understanding (MoU) with State Government.
- Competitive Bidding based on revenue sharing basis.
- Tariff-Based Competitive Bidding (TBCB) mode.

4.1.1.1 Nomination by State Government/MoU with State Government or designated entity of State Government

State identified projects may be allocated on a nomination basis or through a Memorandum of Understanding (MoU) to Central Public Sector Undertakings (CPSUs), State Public Sector Undertakings (SPSUs), Joint Ventures (Within CPSUs and SPSUs), subject to a thorough evaluation of their technical and financial capabilities. The criteria for assessing these capabilities are outlined below.

Technical Capability Assessment Criteria:

Category	Criteria
Experience in Power or Energy Infrastructure Projects	<ul style="list-style-type: none"> • Proven track record in developing, constructing, or operating power plants or pumped storage projects or energy infrastructure projects.

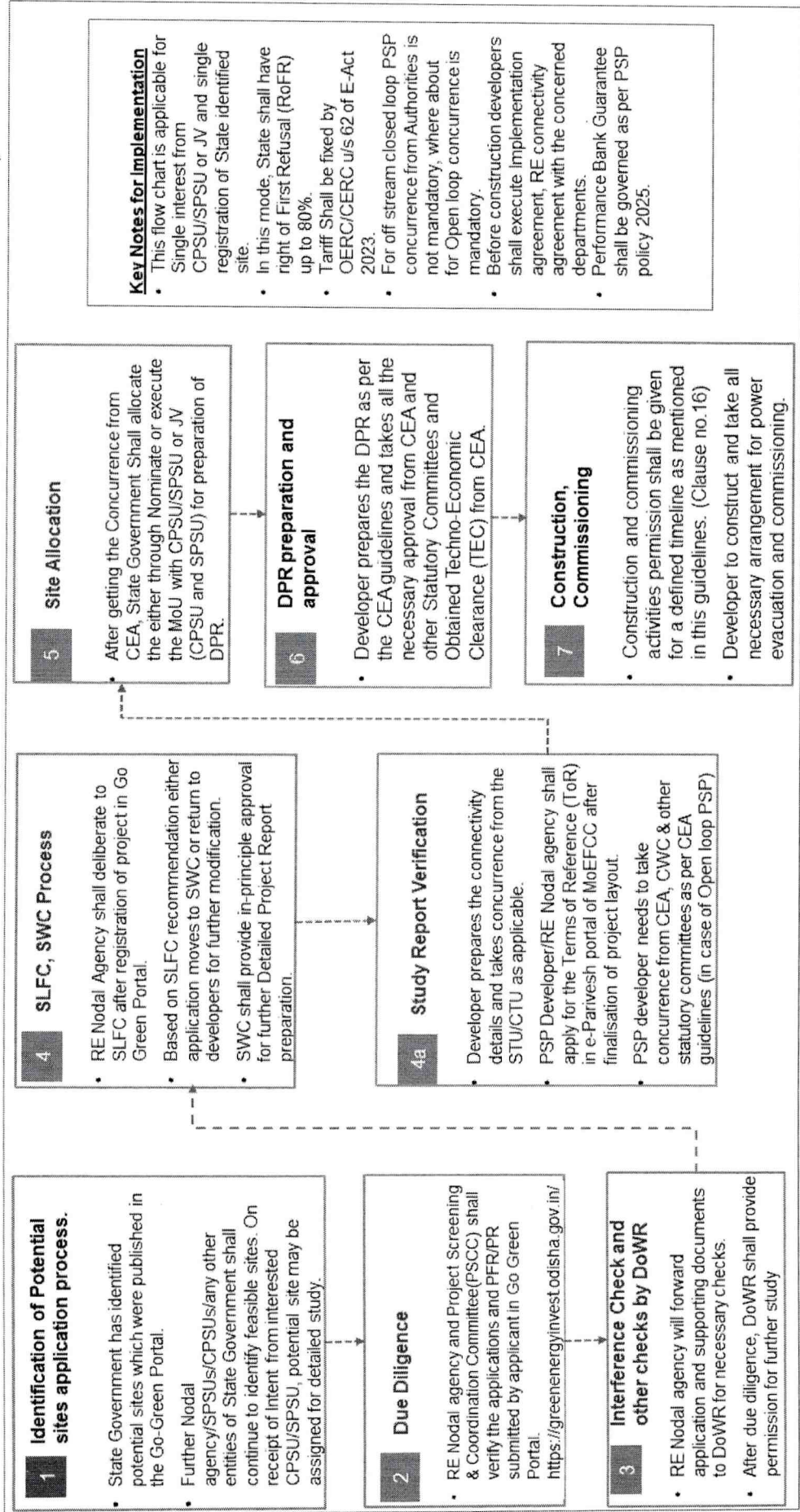
Financial Capability Assessment Criteria:

Category	Criteria
Net Worth	<ul style="list-style-type: none">• Minimum net worth of 20% of the Estimated project cost .The Developer shall submit Audited accounts for the past 5 years.

Detailed process flow State identified potential sites allocation through Nomination or MoU route are captured in the flowchart below:

Figure 1: Site allocation through Nomination or MoU route

Process Flow-State Identified-CPSUs/SPSUs and JVs (CPSU & SPSU)



4.1.1.2 Competitive Bidding based on revenue sharing basis

The Nodal Agency shall conduct a transparent competitive bidding process to select Developers for State-identified PSPs. Detailed criteria are outlined below:

Aspect	Details
Eligible Participants	<ul style="list-style-type: none"> • State PSUs (SPSUs). • Central PSUs (CPSUs). • Joint Ventures (JVs) of the above entities • Private Developers. <p><i>JV eligibility and Shareholding structure to be defined in RFQ/RFP documents</i></p>
Qualification Requirement	Developers Must meet criteria specified in the Request for Qualification (RfQ)
Bidding Parameters	<ul style="list-style-type: none"> • Revenue share per unit of net energy sent out. Minimum revenue share shall be 10 paisa per unit. • Any other parameter decided by the Nodal Agency.
Thresholds for Bids	Will be decided in the Bid Document.
Financial Support Eligibility	Viability Gap Funding (VGF) shall be provided to Developers who supply power for State consumption.

4.1.1.3 Tariff-Based Competitive Bidding (TBCB) mode.

PSP basically consists of Input Power for Pumping purposes, storage, subsequent release for generation of Power.

Accordingly, through a Tariff based Competitive Bidding (TBCB) will be based on the following:

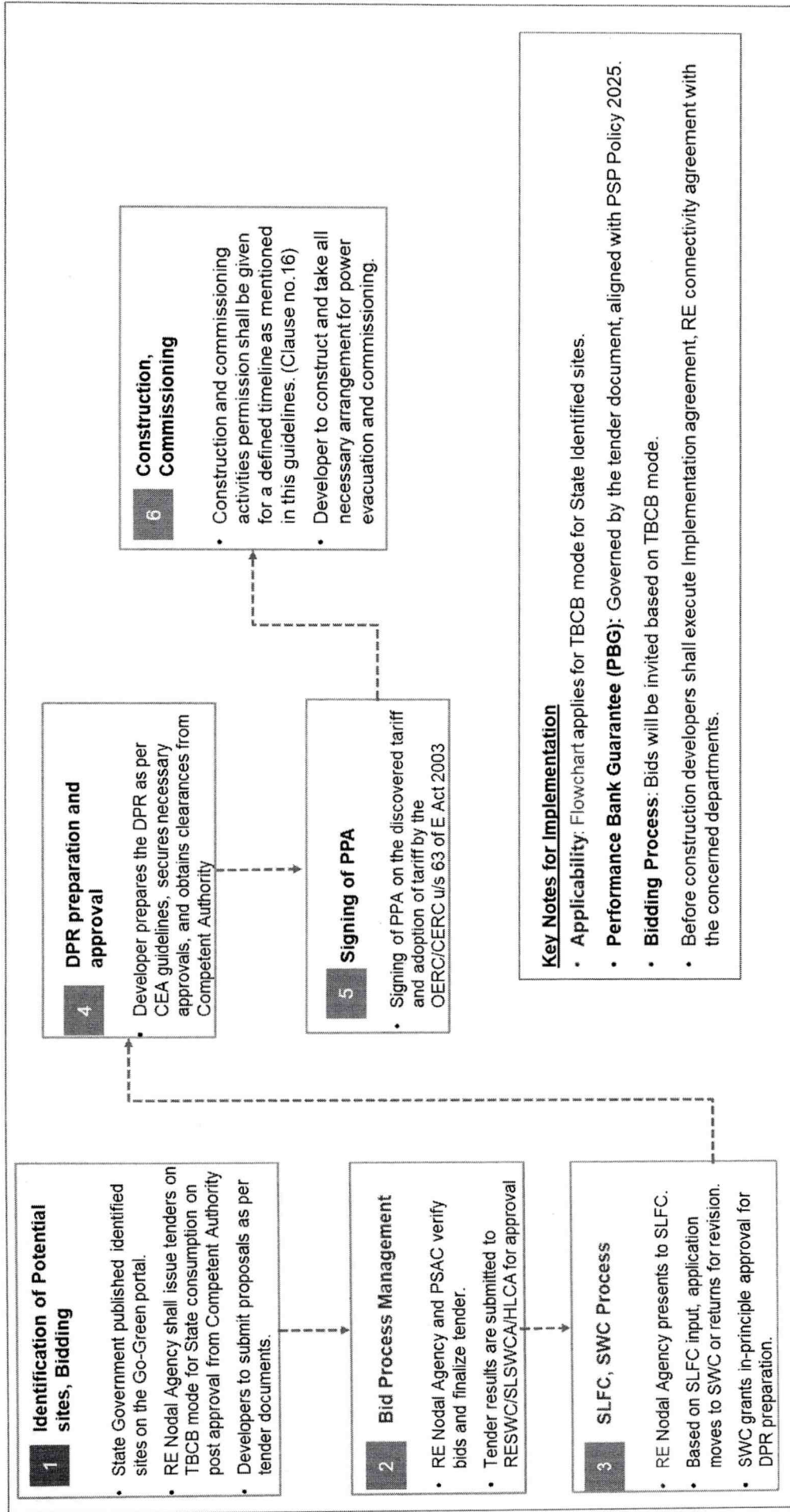
- a. composite tariff where input power is arranged by the Developer

or

- b. a tariff for storage on MWh basis where the procurer arranges the input power.

Detailed process flows of State identified potential sites allocation and development process through TBCB mode are captured in the flowchart below:

Figure 2: Site allocation through TBCB Mode



4.2 Self-Identified Off-Stream Projects

4.2.1 Criteria for allocation

There are several potential sites for developing off-the-river closed loop PSPs in the State which are yet to be identified or surveyed by the State or central agencies. With the increasing role of long duration storage in energy transition, private Developers have been approaching the State for allocation of PSP sites. Therefore, it is decided to allocate some of these sites to Developers while also keeping the State's interest in view. Private Developers may, on their own, identify suitable sites for off-stream PSPs which are not already registered as State-identified projects by the Nodal Agency for development of off-stream PSPs in the State. The Nodal Agency shall notify the date of opening of the window for receiving applications for registration of Self-Identified off-stream PSPs from all Developers after one (1) month from publication of this Operational Guidelines. Such window shall be opened for a duration of three (3) weeks. The Nodal Agency, may with the approval of the Government, extend the timeline for submission of application on the request of Developer(s). Self-Identified off-stream PSP sites identified by any Developer will be registered in the name of the Developer, post assessment of financial and technical capabilities of the Developers and evaluation of technical specifications of the project by the Nodal Agency. The criteria for assessing these capabilities are outlined below.

Technical Capability Assessment Criteria:

Category	Criteria
Experience in Power or Energy Infrastructure Projects	<ul style="list-style-type: none"> Proven track record in developing, constructing, or operating Power plants or pumped storage projects or energy infrastructure projects.

Financial Capability Assessment Criteria:

Category	Criteria
Net Worth	<ul style="list-style-type: none"> Minimum net worth of 20% of the Estimated project cost .The Developer shall Submit Audited accounts for the past 5 years.

Registration & Development in Self-identified projects:

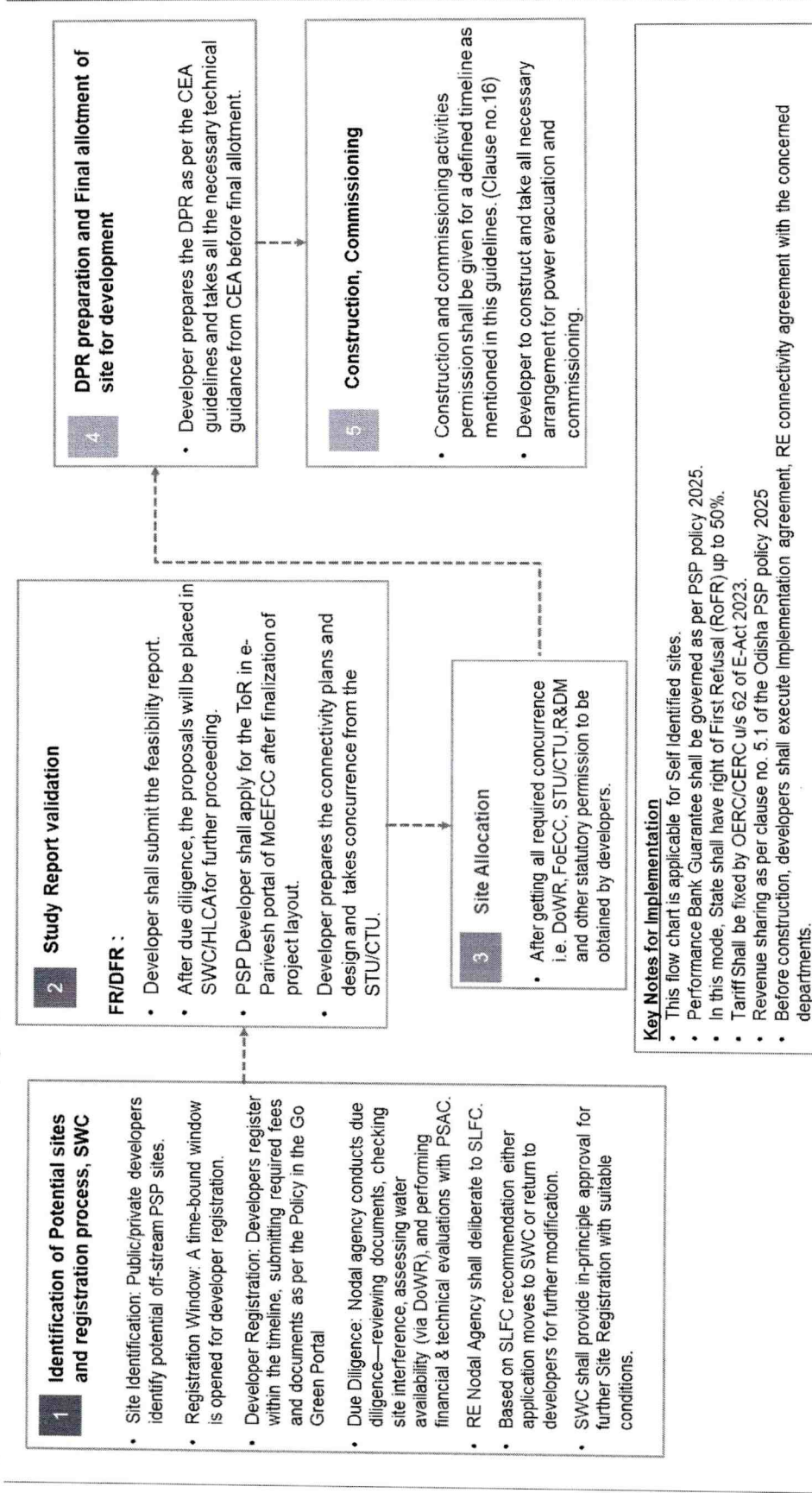
Scenario	Registration & Development	Revenue Share	Escalation	Government Rights	Penalties	Special Provisions
Single Developer	Site registered after due diligence	10 paisa/unit	10% every 5 years	Right to revise revenue share and escalation rate	Penalty and/or adverse actions for payment delays	Right of First Refusal (RoFR) up to 50% capacity for State consumption
Multiple Developers interested in a single location	Competitive bidding to be conducted	Minimum 10 paisa/unit (basis for selection)	10% every 5 years	Right to revise minimum revenue share and escalation rate in Bid	Penalty and/or adverse actions for payment delays	Right of First Refusal (RoFR) up to 50% capacity for State consumption

4.2.2 Detailed methodology for application and allocation

The detailed methodology for application and site allocation is outlined in Clause 5.2 of the PSP Policy 2025.

Detailed process flows are captured for Self-identified potential sites in the flowchart below
As per MoP Gazette Notification no. 3475 dated 1st August 2025.

Figure 3: Site allocation for self-identified projects



5. Project Screening and Approval Committee (PSAC) Formation

To ensure comprehensive due diligence and to verify the application process, a Committee shall be constituted. This Committee will comprise the following key stakeholders:

- Representative from Energy Department
- Representative from RENA-GRIDCO
- Representative from OPTCL & SLDC
- Representative from OHPC*
- Representative from DoWR
- Representative from Revenue & Disaster Management, Odisha Government
- Representative from Forest and Environment, Climate change Department
- Representative from EIC-cum-PCEI
- Representative from Pollution control board

*The representative of OHPC shall abstain from participating in discussions when the subject matter pertains to OHPC's scope or interests.

6. Power Procurement & Tariff Framework for PSPs

Scenario wise Power Procurement & Tariff framework for PSP are mentioned below:

Scenario	Procurement Mechanism	Tariff Determination	GRIDCO's Role	Additional Notes
State-identified projects (full capacity procurement by GRIDCO)	Through TBCB	OERC/CERC under Section 63 of Electricity Act, 2003	GRIDCO to declare intent at project allocation	GRIDCO may procure full capacity
Projects awarded to CPSUs/SPSUs/JVs	Nomination or competitive bidding based on	OERC/CERC under Section 62 of Electricity Act, 2003	State retains right of first refusal for up to 80% capacity	Remaining 20% can be sold by Developers for O&M recovery; captive PSPs' supply to GRIDCO counts as deemed CGP consumption.
Monsoon period, Where generation unit is more than Pumping Unit	PSPs operate as conventional hydro	Secondary energy rate by OERC/CERC	GRIDCO gets 80% of generated power	Remaining 20% can be sold by Developers for O&M recovery; captive PSPs' supply to GRIDCO counts as deemed CGP consumption.
Underutilized PSP capacity	Transfer of unused contracted capacity	OERC/CERC (for non-captive PSPs)	GRIDCO may receive idle capacity from captive PSPs	For non-captive PSPs, financial gains from transfer shared 50:50 between Developer and State; not applicable to captive PSPs

7. Support & Incentives

Particular	Clause Reference
Infrastructure Support	As per Ministry of Power (MoP), Government of India, Office Memorandum dated 28.09.2021 and subsequent amendments.
Renewable Energy Incentives	As per Clause no. 10 of the Odisha Renewable Energy Policy, 2022 or as per clause no. 4.5.2 (C) of Industrial Policy Resolution 2022.
Exemptions & other Charges	As per Clause no. 7 of the Odisha PSP Policy 2025.
Policy Exclusivity	Developers either avail Incentives as per Industrial Policy Resolution 2022 or Odisha Renewable Energy Policy 2022

8. Mode of Operation

- All Pumped Storage Projects (PSPs) shall be developed under the Build-Own-Operate-Transfer (BOOT) model. The initial concession period shall be 40 years, which may be extended by up to 30 additional years subject to prevailing rules and regulations, and approval from the State Government.
- Upon completion of the concession period, the project assets shall be transferred to the State Government **or any designated State Public Sector Undertaking (SPSU) with** free from any encumbrances. For PSPs developed for captive consumption, the transfer clause shall not apply as long as the project maintains its Captive Generating Plant (CGP) status.

9. Input Power

- In case, the Developer is interested to set up captive solar/wind power plant for the purpose of meeting input power requirement for PSP, the State Nodal Agency shall facilitate allotment of project as per the prevailing terms under Odisha Renewable Energy Policy 2022.

10. Connectivity with Grid

- This process involves two distinct phases:
 - 10.1. Pumping Phase – Energy is consumed from external sources.
 - 10.2. Generation Phase – Energy is produced and supplied to load centers.
- Consequently, transmission infrastructure must be established to support both phases. The Developer is responsible for setting up the necessary transmission network at their own expense, ensuring connectivity to the identified Grid Sub-Station or designated load center and handover the same to CTU/STU on the date of CoD for its Operation and Maintenance.
- The transmission network, grid interconnection, and metering infrastructure must comply with all applicable provisions of the Grid Code, grid connectivity standards, and

regulations issued by the Appropriate Regulatory Commissions and the Central Electricity Authority (CEA).

- The PSP Developer shall bear full responsibility for the transmission of power up to the point of interconnection, where metering is conducted for energy accounting purposes. All associated costs, including the construction and operation & maintenance of the transmission system up to the interconnection point, shall be entirely borne by the Developer. Ownership lies with Developer until the date of commissioning. After commissioning, Ownership transfers to STU without any encumbrances and charges.
- Given the dynamic nature of transmission system availability, the Developer shall ensure the actual availability of power injection/evacuation capacity at the CTU/STU substation.

10.1. Metering and Communication

- The metering and interconnection point shall be the designated location at the CTU/STU substation or the DISCOM network, as applicable, where connectivity is granted for the injection or drawl of power from the Pumped Storage Plant (PSP).
- The Developer must ensure full compliance with all relevant regulations, standards, and codes issued by competent authorities such as the Odisha Electricity Regulatory Commission (OERC) and the Central Electricity Authority (CEA). This includes provisions related to metering, grid connectivity, and safety. Interface metering must conform to the CEA (Installation and Operation of Meters) Regulations, 2014, along with any subsequent amendments.
- For energy accounting, the main meter, check meter, and standby meter shall be installed at the metering point, as per the applicable orders, regulations, and codes in force at the time.
- Developers are required to install a dial port Remote Terminal Unit (RTU) and an appropriate communication system to enable real-time data transmission to the relevant Load Dispatch Centre (LDC) for continuous monitoring and operational oversight apart from voice communication via optical fiber.

10.2. Power Evacuation

- Connectivity to State Transmission Network: If the Developer intends to connect the Pumped Storage Plant (PSP) to the State transmission network, Odisha Power Transmission Corporation Ltd. (OPTCL) shall facilitate connectivity to its intra-State transmission system in accordance with transmission connectivity SoP and prevailing procedures and regulations issued by the Odisha Electricity Regulatory Commission (OERC).
- Infrastructure Development and Approval: The Developer shall be responsible for laying the transmission infrastructure from the PSP site to the grid connectivity point identified by OPTCL. This shall be undertaken entirely at the Developer's cost, subject to review and approval by OPTCL. Prior to granting approval, OPTCL will conduct a load flow study to assess the feasibility of the proposed power evacuation arrangement.
- System Augmentation Requirement: In cases where new Extra High Voltage (EHV) substations, transmission lines, or upgrades to the existing transmission system are

required to facilitate power evacuation from the PSP site, such infrastructure shall be developed by OPTCL at the Developer's expense.

- Feasibility Assessment: The Developer must include a detailed power evacuation feasibility analysis as part of the pre-feasibility report for the project.

Note: Transmission connectivity arrangement under TBCB or any bidding mechanism may be governed under Standard Bidding Guidelines of respective tender clauses.

11. Enabling Infrastructure

- The Developer shall be solely responsible for establishing all necessary project-related infrastructure at their own cost. This includes, but is not limited to construction of approach roads, development of small bridges, modifications or upgrades to existing access roads and related facilities etc. In cases where the project necessitates the development of major infrastructure—such as large roads, significant bridges, or complex diversions the Nodal Agency shall facilitate coordination and assist in securing the requisite approvals from concerned Government departments.
- Notwithstanding the facilitation role of the Nodal Agency, the entire responsibility for planning, execution, and completion of all enabling infrastructure, including roads, diversions, and bridges etc. shall rest with the Developer within permissible time frame.
- The Developer shall be responsible for applying the temporary electricity connections from concerned Power supply Distribution Companies for project construction activities.

12. Facilitation of Land for PSPs development

- Government Land if available to be provided to the Developers as per the prevailing policies.
- If forest land is involved, Developer shall apply for diversion of the forest land as per procedures/guidelines laid by respective departments and by paying applicable charges in full, if any.
- State Government to facilitate acquisition of private land either on lease basis or acquisition as per prevailing policies.
- If project involves taking up of private land on lease, the lease agreement to be made with the private landowner with mandatory provisions for takeover of such lands on lease by the State Government at the end of concession period.
- If land is purchased, such land is also to be transferred as part of the project to the State Government at the end of concession period.

13. Facilitation for Impoundment of Water (DoWR)

- Minimum Water Requirement: The Pumped Storage Project (PSP) shall be permitted to impound only the minimum quantum of water necessary for its operational requirements. No additional impoundment beyond this essential volume will be allowed. The Nodal agency in consultation with DoWR shall monitor the whole water requirement. Metering system for quantity of drawal may be installed at intake.

- Rainwater Management: Adequate provisions shall be incorporated into the project design to ensure that excess rainwater is safely discharged into the existing natural drainage systems, thereby maintaining ecological balance and preventing waterlogging or flooding and to ensure not affect the safety aspect of the existing projects of DoWR
- Emergency Water Release Provision: The Government of Odisha reserves the right to direct the Developer to release impounded water for drinking water supply in emergency situations, ensuring public welfare and resource accessibility.
- Water allocation mechanism: Water allocation shall follow a first-come, first-served basis. In cases where multiple bidders apply simultaneously, the Department of Water Resources (DoWR) will conduct a due diligence assessment, and allocation will be prioritized based on the (auction) progress of each applicant's project.

14. Statutory Clearances and Permissions

- The Developer shall be solely responsible for obtaining all necessary statutory and regulatory clearances from the State Government, Central Government, and any other relevant authorities required for the execution of the project. These clearances must be secured at the Developer's own expense and within the timelines specified in these guidelines or as stipulated in the Implementation Agreement or any other relevant document.
- All applicable clearances shall be submitted prior to the commencement of the project. In cases where any of the required clearances are deemed not applicable, the Developer shall provide a formal undertaking to that effect, subject to acceptance by the Nodal Agency. The Developer shall bear full responsibility for any consequences arising from non-compliance with these requirements.
- The Developer must comply with all applicable laws, regulations, directives, and procedures issued by the competent authorities in relation to the establishment and implementation of the project.
- The Developer shall, in consultation with FE&CC department and relevant authorities, prepare a consolidated clearance roadmap, covering forest diversion proposals, Environmental & Social Impact Assessment (ESIA), Environmental and Social Management Plan (ESMP) and wildlife clearance.
- Furthermore, the Developer shall be obligated to adhere to all relevant rules and provisions under the applicable policies and regulations of the State and Central Governments. It is the Developer's responsibility to stay informed about and ensure timely payment of any applicable charges to the Nodal Agency and other government bodies as prescribed under the respective policies.
- Tentative clearances from various stakeholders are as follows:

Sl.	Particular	Timelines (Months)
1.	Revenue Department in case of government land	T+24
2.	Forest Department clearance	T+24
3.	Environmental clearance	T+24
4.	DOWR clearance	T+24

Sl.	Particular	Timelines (Months)
5.	Power Evacuation clearance (STU)	T+24
6.	Defence clearance (if required)	T+24
7.	Archaeology Survey of India clearance (if required)	T+24
8.	Pollution control board clearance	T+24
9.	Any other regulatory clearance and no dues etc.	T+24

*T means Starting date.

15. Performance Guarantee

The Developers are required to submit the Performance Guarantee as mentioned in the PSP policy 2025.

16. Project Execution Timelines with Responsibility Matrix

All stakeholders associated for PSPs development are required to comply with the Project execution timelines as below:

Sl.	Event	Responsibility lies with	Tentative timeline
1.	Last date of Submission of Application	RE Nodal Agency	T0
2.	Scrutinization of applications	Nodal Agency along with PSP Co-ordination Committee	T1=T0+15 days
3.	interference checks, water availability for intake and other observations deemed relevant.	DoWR	T2=T1+45 days
4.	Permission to Developer for applying ToR, and further preparation of DPR	Nodal Agency, SWC, PSP Coordination Committee	T3=T2+1 Month
5.	DPR preparation	Developer	T4=T3+24 Months
6.	Statutory Clearances if any (Parallel activity with DPR preparation)	Developer	
7.	Power Evacuation connectivity permission.	STU/CTU	
8.	Project allocation for further development	Nodal Agency, SWC/SLSWCA/HLCA, PSP Coordination Committee	T5=T4+1 Month
9.	Financial closure	Developer	T6=T5+9 months

Sl.	Event	Responsibility lies with	Tentative timeline
10.	Construction activities, power evacuation, substations, Commercial Operation Date (CoD)	The Developer, STU/CTU, Electrical Inspector	T7=T5+42 Months

- Non-Compliance with Milestones: Failure to achieve any of the execution milestones outlined in the bid or allotment conditions prior to the commencement of construction—except in cases of uncontrollable circumstances such as force majeure, public or local agitation, or change in law, subject to the satisfaction of the Nodal Agency shall result in cancellation of the site allotment and forfeiture of the Performance Guarantee. No compensation shall be payable to the Developer in such cases.
- Delay in Commencement of Construction: If the Developer fails to commence construction within the stipulated timeline, the State Government reserves the right to cancel the project site allotment. However, a one-year extension may be granted in cases where the delay is attributable to pending Environmental Clearance (EC) and Forest Clearance (FC), provided that the relevant applications were submitted to the concerned authorities within the timelines agreed upon at the time of project award.

17. Operation of Generating Station

- The Developer shall operate the generating station in strict accordance with the applicable grid operation guidelines of SLDC. In the event that generation needs to be curtailed or halted due to power system constraints, the Developer shall comply with directives issued by the State Load Dispatch Centre (SLDC).
- No compensation shall be provided to the Developer for any revenue shortfall resulting from SLDC-imposed generation regulation or stoppage.
- Under exceptional circumstances—such as threats to State security, public order, natural disasters, or other situations involving public interest—the Developer shall operate the PSP in accordance with directives issued by the State Government. In the event of a mandated shutdown, the Developer shall not be entitled to claim compensation for any loss of generation.

18. Utilization of exhausted mines to develop PSPs

- The discarded mines including coal mines in different parts of the Odisha could be used as Hydro Storage and thereby become natural enablers for development of Hydro Pumped Storage Projects (PSPs). Efforts would be made to identify and develop exhausted mines / coal mines as prospective PSP sites in consultation with the Ministry of Coal, Ministry of Mines and respective State Governments

19. Transfer of allotment

- Transfer of ownership of the allotted PSP is not permissible till one year from commissioning of the project.

20. Cancellation of the Project

The State RE Nodal Agency reserves the right to recommend the cancellation of the project after providing the Developer with an opportunity for a hearing.

- If the Developer fails to give the water charges as per DoWR.
- If the Developer fails to reach any milestones. The period shall be added with the extended period granted to Developer due to force majeure or any other conditions

21. Forfeiture

- In the event of project cancellation at any stage, any amount deposited by the Developer or maintained as a guarantee shall be forfeited by the Department of Water Resources (DoWR) and the Department of Energy (DoE), Government of Odisha (GoO). No refund or compensation shall be applicable under such circumstances.

22. Dispute Resolution Mechanism

- Any dispute related to tariff, or the matters dealt under provisions of Section 79 and Section 86 of the Electricity Act, 2003 shall be adjudicated by the appropriate Electricity Regulatory Commission. and if the Electricity Regulatory Commission fails to resolve the dispute, it shall be resolved through arbitration under the Indian Arbitration and Conciliation Act, 1996 as amended from time to time.
- The Dispute Resolution Committee will be an additional forum beyond the provisions of the law and can be used by the relevant parties at their option.
- High Court of Orissa shall have exclusive jurisdiction in all matters pertaining to this Operational Guidelines.

23. Additional Points

- Developers shall obtain permission from the Department of Water Resources (DoWR) for discharging excess water from the tailrace canal due to rain, in the case of a closed-loop project.
- Developers should adhere to Noise pollution norms as per wildlife benchmark.
- Developers shall ensure adherence to the provisions of the National Dam Safety Act, 2021 as amended from time to time.

24. Disclaimer

- In the event of any amendments or introduction of new regulations or guidelines by the Government of India or Government of Odisha after the notification of this guideline, such regulations/guidelines shall prevail, superseding any conflicting provisions herein.

Glossary

Particulars	Description
BOOT	Shall mean Build Own Operate Transfer
CEA	Central Electricity Authority
CPP	Shall mean Captive Power Producers
CPSU	Shall mean Central Public Sector Undertaking
CTU	Shall mean Central Transmission Utility
CUF	Shall mean Capacity Utilisation Factor
DISCOM	Shall mean Distributions Companies
DoWR	Shall mean Department of Water resource
DPR	Shall mean Detailed Project report
EC	Environmental Clearance
EHV	Extra High Voltage
EoI	Shall mean Expression of Interest
EPC	Shall mean Engineering, Procurement and Construction
ESIA	Shall mean Environmental and Social Impact Assessment
ESMP	Shall mean Environmental and Social Management Plan
FE&CC	Shall mean Forest, Environment and Climate Change Department.
FSPV	Shall mean Floating Solar Photo Voltaic
FC	Forest Clearance
GIS	Shall mean Geographic Information System
GoO	Shall mean Government of Odisha
HLCA	Shall mean High Level Clearance Authority chaired by Chief Minister of Odisha.
IPICOL	Shall Mean Industrial Promotion and Investment Corporation of Odisha Ltd.
IPP	Shall mean Independent Power Producer
IPR	Industrial Policy Resolution
LADF	Local Area Development Fund
MNRE	Shall mean Ministry of New and Renewable Energy
MoD	Shall mean Ministry of Defence
MoU	Memorandum of Understanding
NOC	Shall mean No Objection Certificate
OERC	Odisha Electricity Regulatory Commission
OREP	Shall mean Odisha Renewable Energy Policy
PFR	Shall mean Pre-Feasibility Report
PPA	Shall mean Power Purchase Agreement
PSAC	Project Screening and Approval Committee
PSP	Shall mean Pumped Storage Project
RENA	Shall mean Renewable Energy Nodal Agency
RESWC	Shall mean Renewable Energy Single Window Clearance chaired by Principal Secretary, Energy Department of Odisha.
RFP	Shall mean Request for Proposal
RFQ	Shall mean Request for Qualification

Particulars	Description
RoFR	Right of First Refusal
RTU	Shall mean Remote Terminal Unit
SLDC	State Load Dispatch Center
SLFC	Shall mean State Level Facilitation Cell
SLSWCA	Shall mean State Level Single Window Clearance Authority chaired by Chief-Secretary, Odisha
SLDC	State Load Dispatch Centre
SNA	Shall mean State Nodal Agency.
SPSU	Shall mean State Public Sector Undertaking.
STU	Shall mean State Transmission Utility.
TBCB	Shall mean Tariff Based Competitive Bidding.
ToR	Terms of Reference
VGf	Viability gap Funding